**Chordates**

Characteristics of **all** chordates:

1. Dorsal Hollow nerve cord

2. **notochord**

3. Pharyngeal gill pouches

4. **postanal tail**

Temperature Control:

**Exothermic**: **The environment controls the temperature.**

**Endothermic**: **The body determines the temperature**

**FISH**

**1.** **Fins**

**2. Scales**

**3. Gills**

**Amphibians**

**1. land and water**

**2. ectothermic**

**3. wet slimy skin**

**Birds**

**1.** **Feathers, wings**

**2. aminotic egg**

**3.** **gizzards**

**Reptiles**

**1.** **Amniotic Egg**

**2. exothermic**

**3. shed their skin**

**Mammals**

**1. endothermic**

**2. hair**

**3. live birth**

**Primate Origin**

APES

Australopithecus

*Homo habilis*

*Homo erectus*

Neanderthals

Cro-Magnons

Homo sapiens